

# CRISTAL WMS AutoEmail Service (AEServerNet) Installation Guide

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## 1. SERVICE REQUIREMENTS

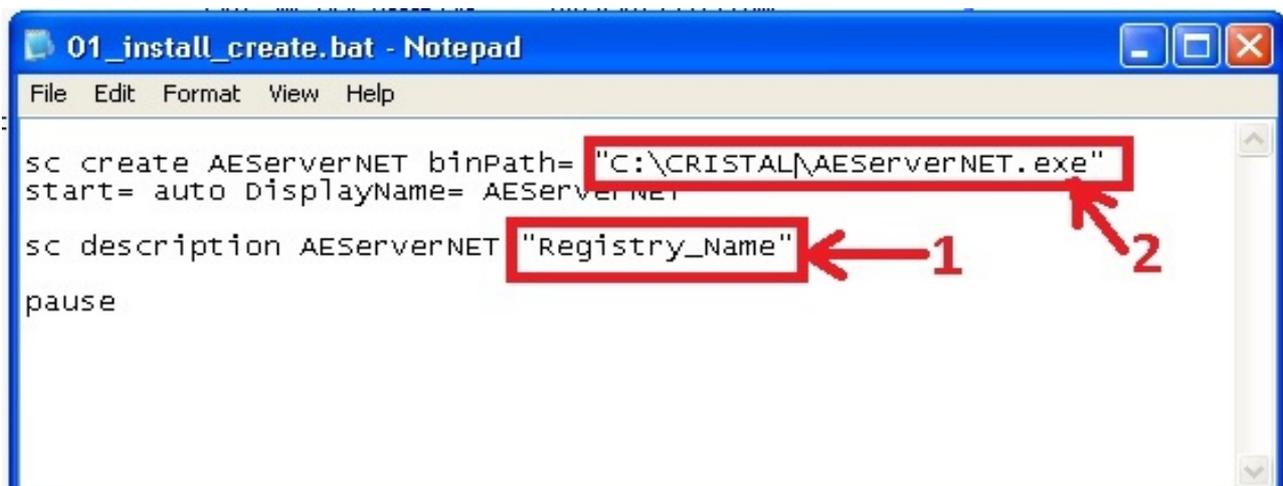
### 1.1 Microsoft .NET Framework 4.0

The Microsoft .NET Framework 4.0 setup program is needed before Auto Email service can run. Please consult CRISTAL WMS administrator to get the setup file "dotNetFx40\_Full\_x86\_x64.exe". Double click on the exe file to run the setup program.

## 2. SERVICE INSTALLATION

### 2.1. Installing the Service

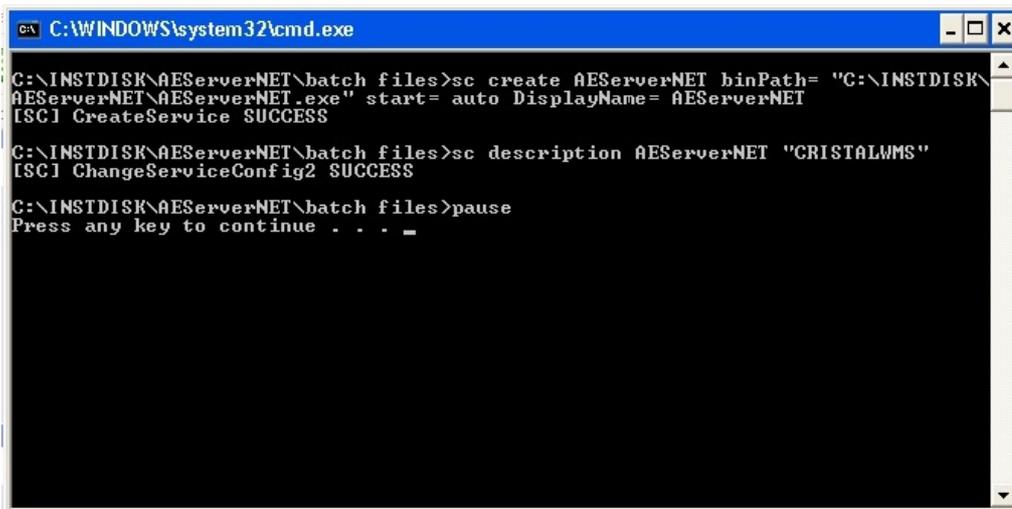
The content of the 01\_install\_create.bat file is shown in Figure 1. Before installing the service, you must ensure that (1) the Registry\_Name and (2) the AEServerNet path is correctly written on the bat file. In Figure 1, AEServerNet file is located at folder "CRISTAL", change the path according to where the file resides. Please consult CRISTAL WMS administrator about the registry name to supply. Once finish editing the path and registry name, save and close the file. To install AEServerNet service just double click on the 01\_install\_create.bat file.



```
01_install_create.bat - Notepad
File Edit Format View Help
sc create AEServerNET binPath= "C:\CRISTAL\AEServerNET.exe"
start= auto DisplayName= AEServerNET
sc description AEServerNET "Registry_Name"
pause
```

Figure 1

When the service is successfully installed, you will see a DOS command message box shown in Figure 2. Just type any key to close the DOS command message box.



```
C:\WINDOWS\system32\cmd.exe
C:\INSTDISK\AEServerNET\batch files>sc create AEServerNET binPath= "C:\INSTDISK\
AEServerNET\AEServerNET.exe" start= auto DisplayName= AEServerNET
[SC] CreateService SUCCESS
C:\INSTDISK\AEServerNET\batch files>sc description AEServerNET "CRISTALWMS"
[SC] ChangeServiceConfig2 SUCCESS
C:\INSTDISK\AEServerNET\batch files>pause
Press any key to continue . . . _
```

Figure 2

The AEServerNet service will also be shown in the Services list, which you can access from **Start → Control Panel → Administrative Tools → Services** as shown in Figure 3.

By default, the AEServerNet service is run automatically. That means it will auto start itself when Windows starts or reboots. It will start even if no user is present to logon to Windows.

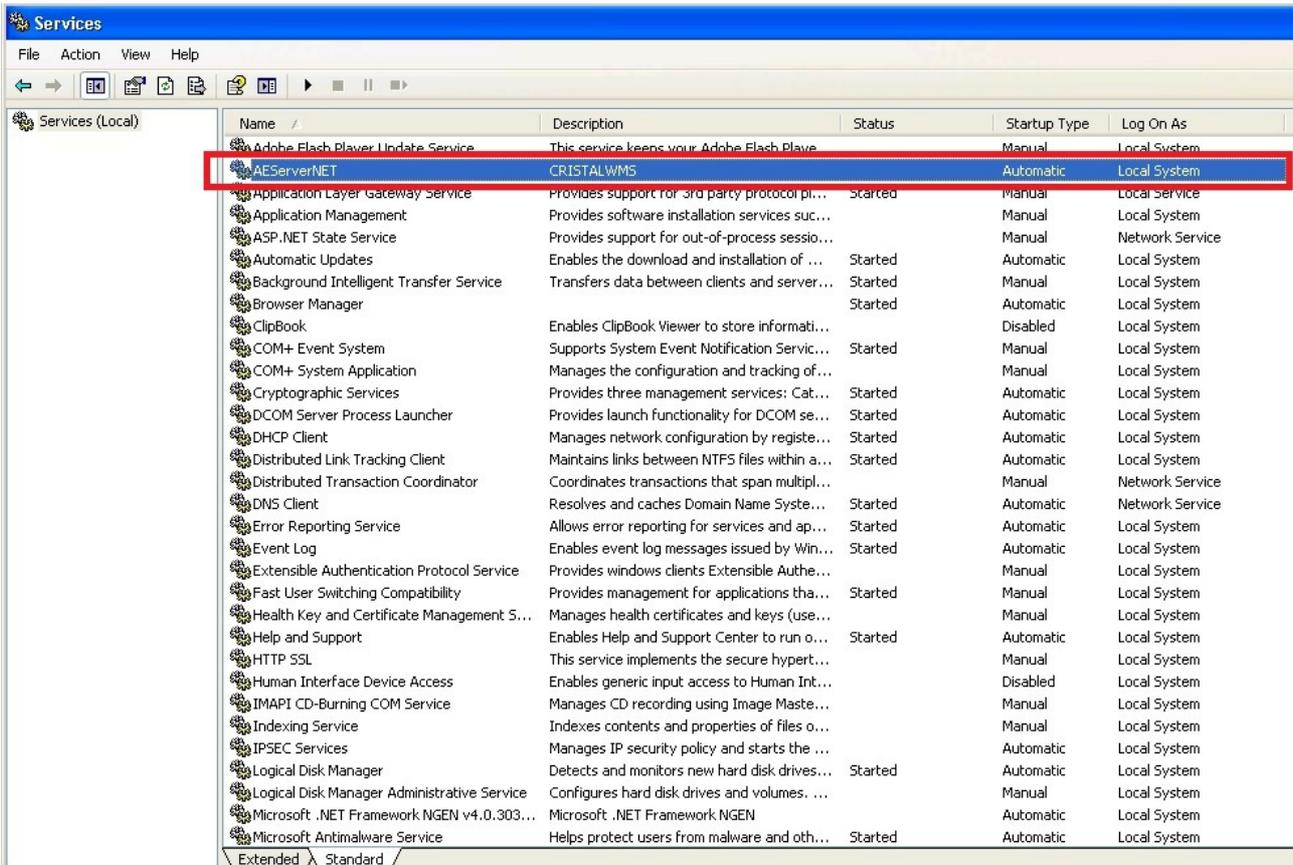


Figure 3

By default, the AEServerNet service is always run with the Local System account. In an Active Directory network, it may be necessary to run the service with a different Windows account. To do this, select the **“This Account”** option in the Log On tab if you want to change the Log On account settings. You need to supply the appropriate account credentials as shown in Figure 4. Please consult CRISTAL WMS administrator if need be about the credentials to supply.

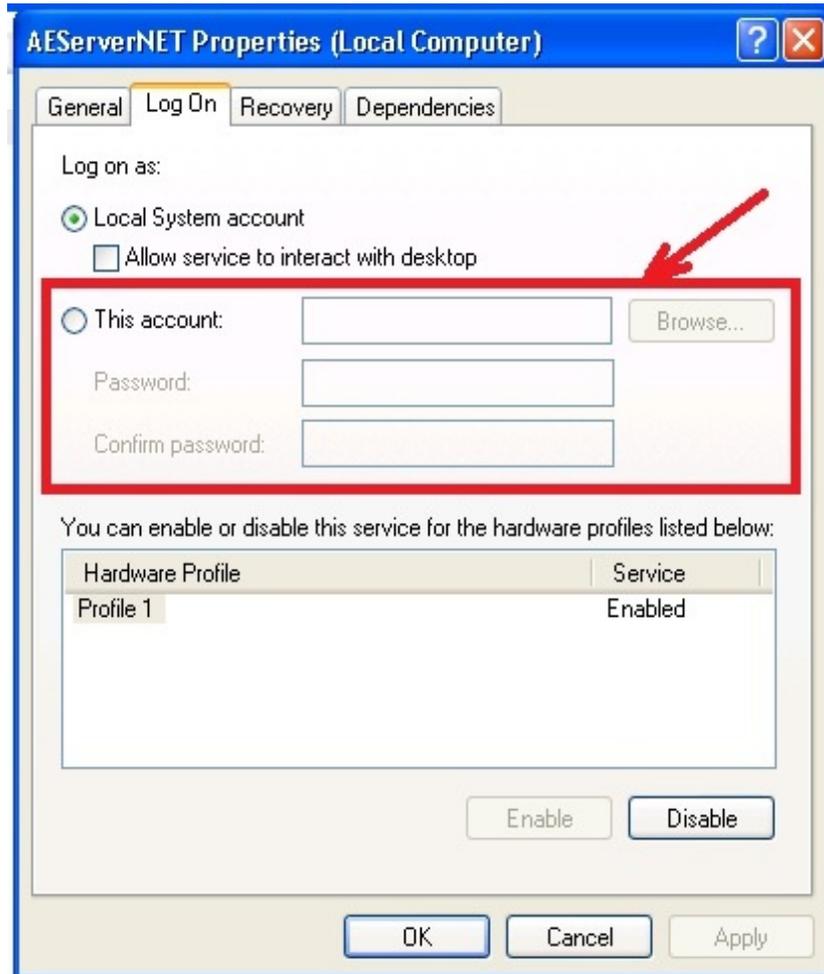


Figure 4

## 2.2. Starting the Service

To start the service, just double click on the 02\_start.bat file. The content of the file is shown in Figure 5.

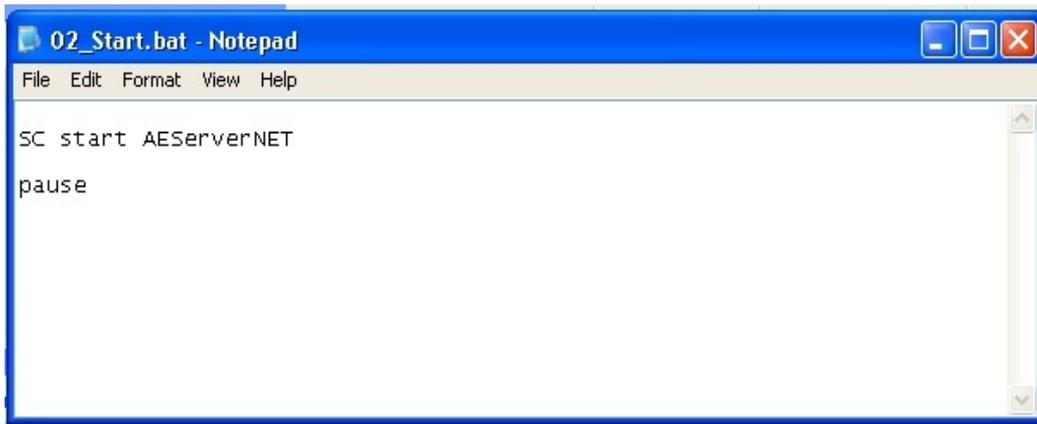


Figure 5

Once the 02\_start.bat file runs successfully, you will see the DOS command message box as shown in Figure 6. Just type any key to close it. Figure 7 shows the Services list where AEServerNet is started.

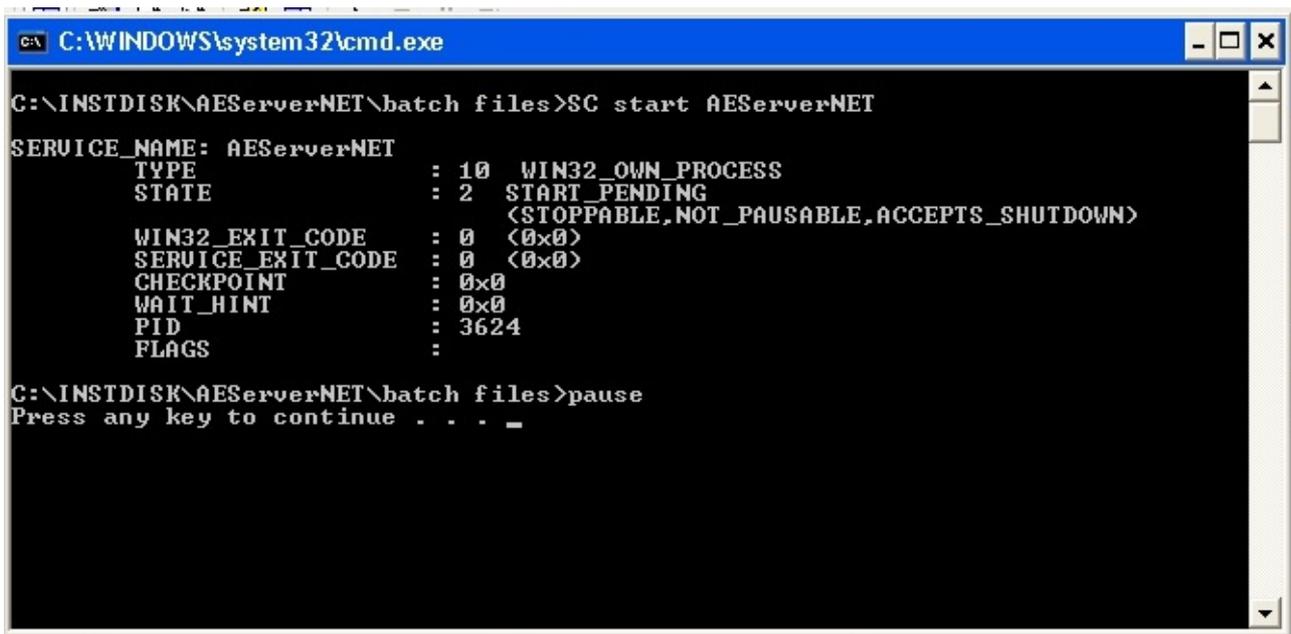


Figure 6

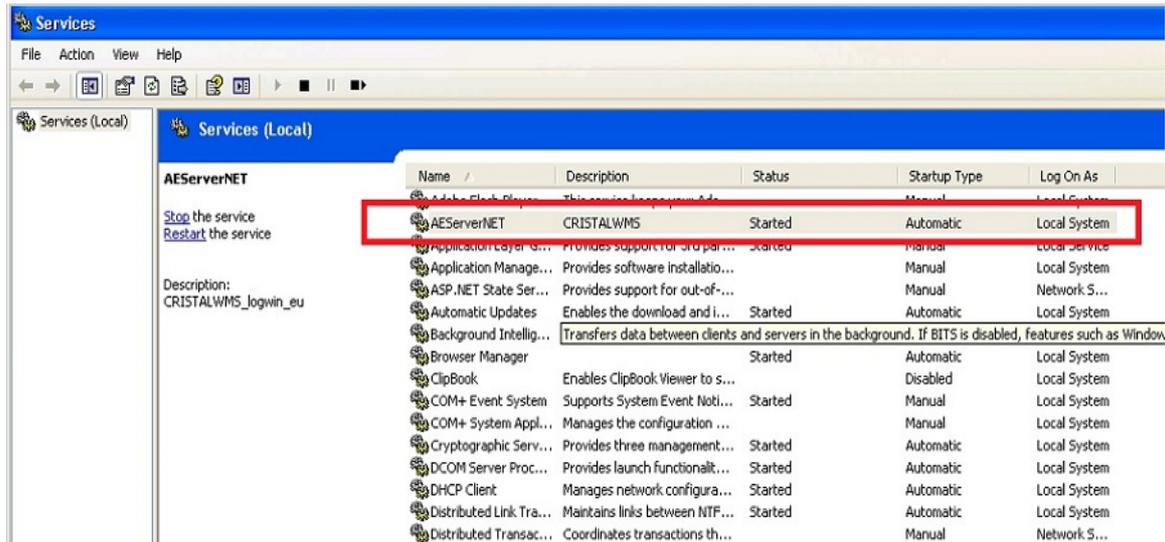


Figure 7

### 2.3. Stopping the Service

To stop the service, just double click on the 03\_stop.bat file. The content of the file is shown in Figure 8. A DOS command message box is again shown. Type any key to close it. Once the AEServerNet is stopped, the “**Started**” status is missing from the Services list as shown in Figure 9. To refresh the Services list if need be, just select menu Action → Refresh.

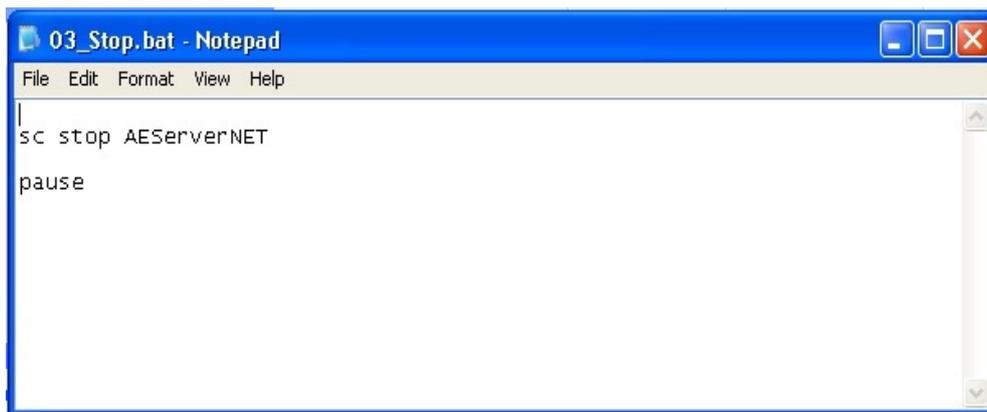


Figure 8

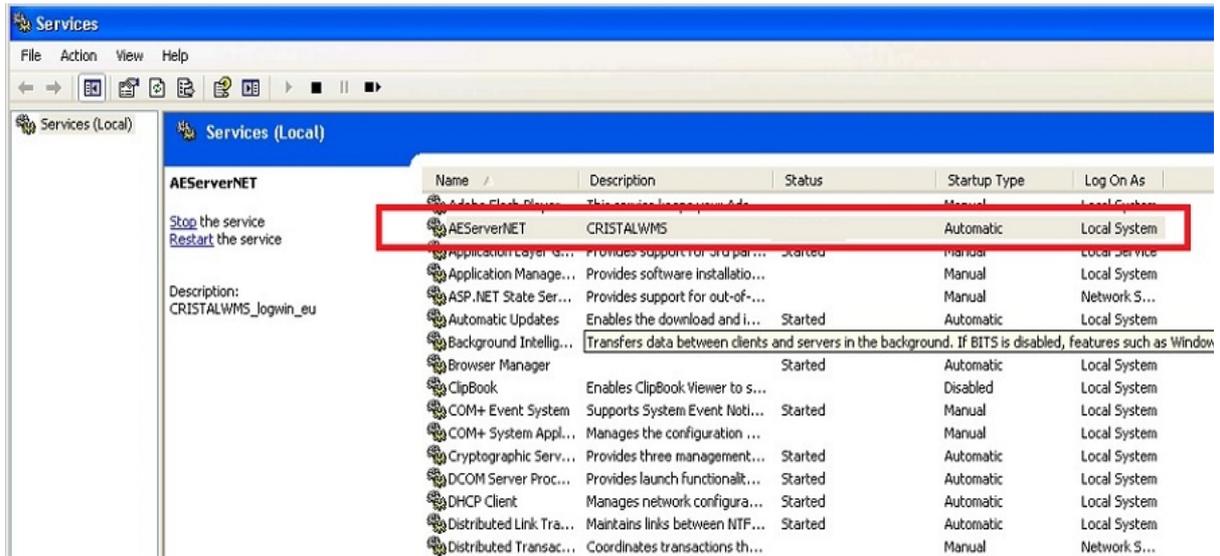


Figure 9

## 2.4. Uninstalling the Service

To uninstall the service, just double click on the 04\_uninstall.bat file. The content of the file is shown in Figure 10. When the service is successfully uninstalled, you will see the DOS command message box as shown in Figure 11. To close it, just type any key.

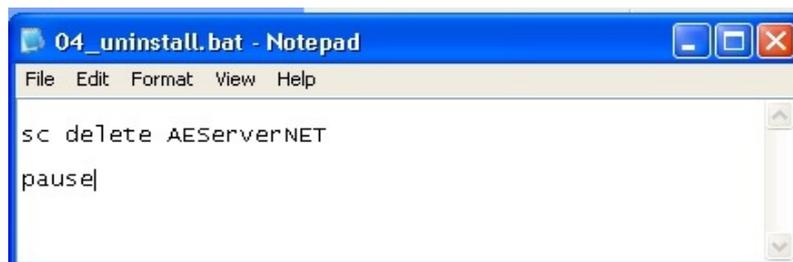


Figure 10

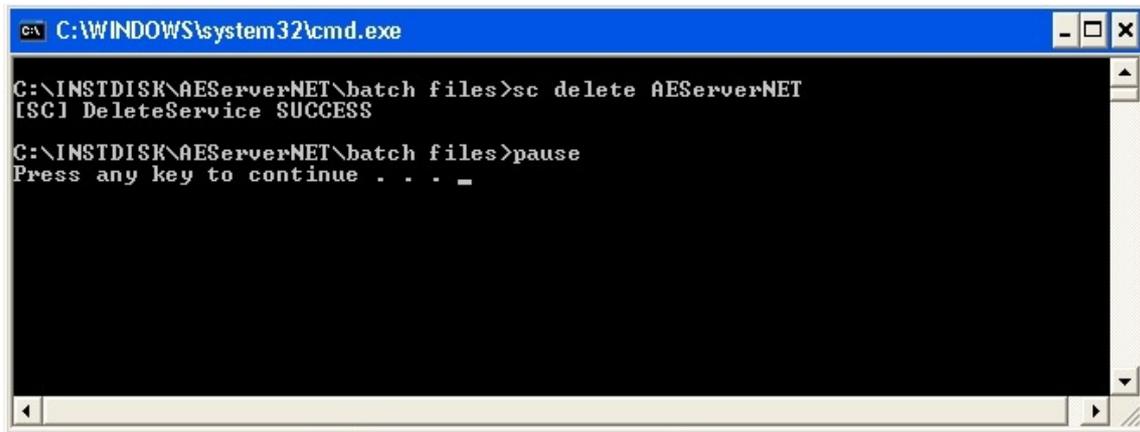


Figure 11

Once the AEServerNet is uninstalled, it will be removed from the Services list. To refresh the Services list if need be, just select menu Action → Refresh.

### 3. SYSTEM CONFIGURATION

The following parameters used by AEServerNet service are resided in the WMS Desktop program. These parameters can be changed from the **Administration** → **System Configuration** option in the WMS Desktop program as shown in Figure 12 and 13.

#### 3.1. Auto Email Service Interval

Auto Email Interval – A number in seconds. This stores the number of seconds before the AEServerNet service polls the database tables for new record to process.

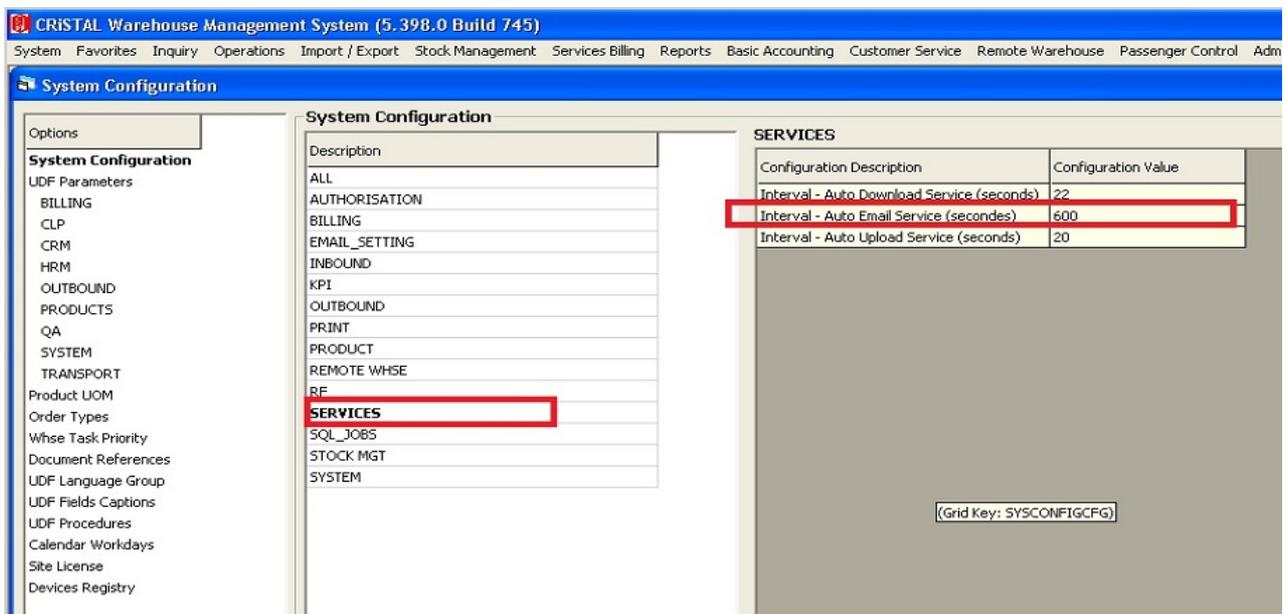


Figure 12

#### 3.2. Auto Email Service Settings

Figure 13 shows the parameters (in red box) that are needed before Auto Email service can send out email to clients. Please consult CRISTAL WMS administrator if need be about the parameters to supply.

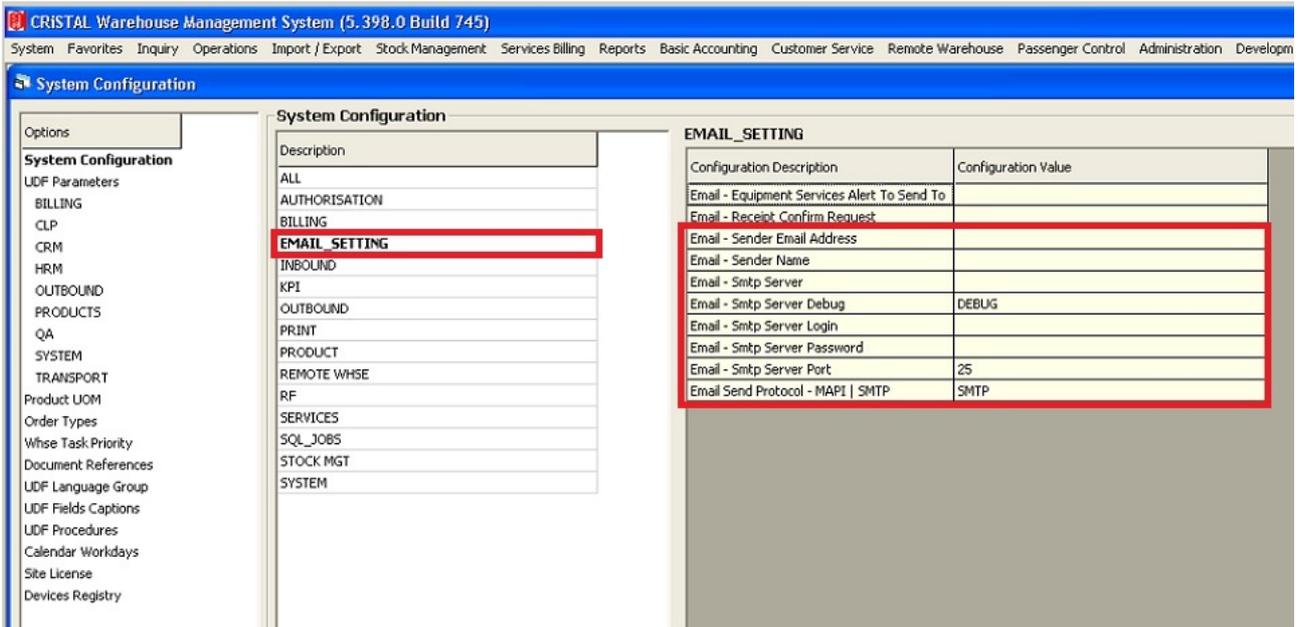


Figure 13